

Original

<u>ARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION</u>

Substitute

Supplemental

As a be	elow named inventor, I nereby declare that:
My resi	dence, post office address and citizenship are as stated below next to my name, and
and join	re I am the original, first and sole inventor (if only one name is listed below) or an original, first inventor (if more than one name is listed below) of the subject matter which is claimed and ch a United States patent is sought on the invention entitled
Use of	2,4Diamino-3-hydroxycarboxylic acid derivatives as proteasome inhibitors
the spe	ecification of which:
	is attached hereto.
×	was filed on 25/10/2001 as Application No. 10/035,301 (day/month/year)
	and, if this box (□) contains an ×
	was amended on (day/month/year)
_ -	was filed as Patent Cooperation Treaty international Application No. on (day/month/year)
	and, if this box (□) contains an × □ entered the national stage in the United States and was accorded Application No.
	and, if this box (□) contains an ×
	was amended, subsequent to entry into the national stage, on
	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. § 1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIM		IMED	
			. 🗆	Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefi listed below:	fit under 35 U.S.C. § 119 (6	e) of any United States p)rovis	sional ar	oplicati	on(s)
APPLICATION NO.		FILING DATE (day/month/year)				

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge my duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filing date of this application:

United States Application No.	United States Filing Date (day/month/year)	Status (Pending, Abandoned or U.S. Patent No.)	International Application No. and Filing D (day/month/y	
09/300779	27/04/1999	Abandoned	-	
09/388700	02/09/1999	Abandoned		
		Pending	PCT/EP00/03688	25/04/2000

I hereby appoint the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If these brackets contain an X [X], I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from the Patents and Trademarks Division of Novartis Pharma AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please address all communications to the address associated with Customer No. 001095, which is currently Thomas Hoxie, Novartis Corporation, Patent and Trademark Department, 564 Morris Avenue, Summit, NJ 07901-1027.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor

Dennis France

Inventor's signature

Date

(day/month/year)

Residence

Morris Plains, NJ 07950, U.S.A.

Citizenship

U.S.A.

Post Office Address

1596 Littleton Road, Morris Plains, NJ

07950, U.S.A.

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Post Office Address

Full name of second joint inventor, if any	Peter Fürst
Inventor's signature	Date Date O / 02 / 2002 (day/month/year)
Residence	4310 Rheinfelden, Switzerland
Citizenship	Switzerland
Post Office Address	Cristalinweg 2, 4310 Rheinfelden, Switzerland
Full name of third joint inventor, if any	Johann Zimmermann
Inventor's signature	Johann Fimmer mann Date 0110212002 (day/month/year)
Residence	79424 Auggen, Germany
Citizenship	Germany
Post Office Address	Oberdorfstrasse 8, 79424 Auggen, Germany
Full name of fourth joint inventor, if any	Carlos Garcia-Echeverria
Inventor's signature	Date 04/02/2002 (day/month/year)
Residence	4052 Basel, Switzerland
Citizenshin	Snain

Rennweg 98, 4052 Basel, Switzerland

Full name of fifth joint inventor, if any	Dieter Scholz		
Inventor's signature		Date _	(day/month/year)
Residence	1040 Vienna, Austria		
Citizenship	Austria		
Post Office Address	Weyringergasse 31/5, 1040 Vienna, Austria		
Full name of sixth joint inventor, if any	Pascal Furet		
Inventor's signature	Pascol Furt	Date _	04/07/2002 (day/month/year)
Residence	68800 Thann, France		
Citizenship	France		
Post Office Address	Rue du Riegelsbourg 24, 68800 Thann, France		
Full name of seventh joint inventor, if any	Patricia Imbach		
Inventor's signature	Pater Luc	Date	(day/month/year)
Residence	4303 Kaiseraugst, Switzerland		
Citizenship	Switzerland		
Post Office Address	Mattenweg 7, 4303 Kaiseraugst, Switzerland		

AUG 1 6 2004 29

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental		Substitute	
As a	a below named inventor, I herel	by de	eclare that:			
		-				
My r	esidence, post office address	and o	citizenship are as stated below nex	t to my r	iame, and	
and		nan	e inventor (if only one name is list ne is listed below) of the subject ma on the invention entitled			
Use	of 2,4Diamino-3-hydroxycar	boxy	lic acid derivatives as proteasor	me inhit	oitors	
the s	specification of which:					
	is attached hereto.					
×			2001 as Application No.	10/035,3	301	
	and, if this box (\square) contain	s an	*			
	□ was amended on					
		(da	y/month/year)			
	was filed as Patent Cooper	ation	Treaty international Application No	o.		
			on			
			(day/month/year)			
	and, if this box (\square) contain	s an	×			
	entered the national stage in the United States and was accorded Application No.					
	and, if this box (□) contains an ×					
	was amended, sub	sequ	ent to entry into the national stage,	, on _		
					(day/month/year)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. § 1.56.

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIM		IMED	
**				Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
listed below:	t under 35 U.S.C. § 119 (e		rovisi	onal app	olication	n(s)
APPLICATION NO.		FILING DATE				

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge my duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filing date of this application:

United States	United States	Status (Pending,	Interna	ational
Application No.	Filing Date (day/month/year)	Abandoned or U.S. Patent No.)	Application No.	and Filing Date (day/month/year)
L	(day/month/year)	i atentino.)	L	(day/month/year)
09/300779	27/04/1999	Abandoned		
09/388700	02/09/1999	Abandoned		
		Pending	PCT/EP00/03688	25/04/2000

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Dennis France		
Inventor's signature		Date	
		_	(day/month/year)
Residence	Morris Plains, NJ 07950, U.S.A.		
Citizenship	U.S.A.		
Post Office Address	1596 Littleton Road, Morris Plains, NJ		

07950, U.S.A.

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of second joint inventor, if any	Peter Fürst		
Inventor's signature		Date -	(day/month/year)
			(day/month/year)
Residence	4310 Rheinfelden, Switzerland		
Citizenship	Switzerland		
Post Office Address	Cristalinweg 2, 4310 Rheinfelden, Switzerland		
Full name of third joint inventor, if any	Johann Zimmermann		
Inventor's signature		Date	
			(day/month/year)
Residence	79424 Auggen, Germany		
Citizenship	Germany		
Post Office Address	Oberdorfstrasse 8, 79424 Auggen, Germany	•	
Full name of fourth joint inventor, if any	Carlos Garcia-Echeverria		
Inventor's signature		Date -	(day/month/year)
			(day/mona/year)
Residence	4052 Basel, Switzerland		
Citizenship	Spain		
Post Office Address	Rennweg 98, 4052 Basel, Switzerland		

Full name of fifth joint inventor, if any	Dieter Scholz		
Inventor's signature	DehMloh	Date –	29.01.2002 (day/month/year)
Residence	1040 Vienna, Austria		
Citizenship	Austria		
Post Office Address	Weyringergasse 31/5, 1040 Vienna, Austria		
Full name of sixth joint inventor, if any	Pascal Furet		
Inventor's signature		Date –	(day/month/year)
Residence	68800 Thann, France		
Citizenship	France		
Post Office Address	Rue du Riegelsbourg 24, 68800 Thann, France		
Full name of seventh joint inventor, if any	Patricia Imbach		
Inventor's signature		Date –	(day/month/year)
Residence	4303 Kaiseraugst, Switzerland		
Citizenship	Switzerland		
Post Office Address	Mattenweg 7, 4303 Kaiseraugst, Switzerland		